

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An image-capturing device comprising:

 a first image-capturing element that captures an image of a subject and outputs a first image-capturing signal;

 a second image-capturing element that captures an image of the subject and outputs a second image-capturing signal;

 a light source estimating device that estimates a type of light source illuminating the subject based upon said first image-capturing signal output from said first image-capturing element; and

 an image processing device that implements image processing on said second image-capturing signal output by said second image-capturing element based upon the light source type estimated by said light source estimating device.

2. (Canceled)

3. (Original) An image-capturing device comprising:

 an image-capturing element that captures a subject image passing through a photographic lens and outputs an image-capturing signal;

 a chromaticity detection device that detects a chromaticity of the subject;

 a light source estimating device that estimates a type of light source illuminating the subject based upon the chromaticity detected by said chromaticity detection device;

 a gain calculating device that calculates a gain by using color temperature information corresponding to the light source type estimated by said light source estimating device; and

a gain adjustment device that performs a gain adjustment by multiplying said image-capturing signal output by said image-capturing element by the gain calculated by said gain calculating device.

4. (Original) An image-capturing device according to claim 3, wherein:

 said chromaticity detection device detects the chromaticity of the subject based upon said image-capturing signal output by said image-capturing element.

5. (Original) An image-capturing device according to claim 3, wherein:

 said chromaticity detection device includes a chromaticity detection image-capturing element which is independent of said image-capturing element and outputs a chromaticity detection image-capturing signal by capturing an image of the subject, and detects the chromaticity of the subject based upon said chromaticity detection image-capturing signal output by said chromaticity detection image-capturing element.

6. (Original) An image-capturing device according to claim 3, wherein:

 said light source estimating device estimates the light source type by selecting a light source type corresponding to chromaticity information that roughly matches the chromaticity detected by said chromaticity detection device among a plurality of sets of chromaticity information provided in advance in correspondence to a plurality of specific light sources.

7. (Original) An image-capturing device according to claim 6, wherein:

 said plurality of specific light sources include sunlight at a plurality of specific color temperatures and a plurality of specific types of fluorescent light; and

 said chromaticity information is provided discretely so that each set of chromaticity information indicates a color that is substantially achromatic under illumination with sunlight at each of the plurality of color temperatures or with one of the plurality of types of fluorescent light.

8. (Withdrawn) An image-capturing device according to claim 3, further comprising:

a first brightness level decision-making device that makes a decision as to whether or not a brightness level in each of specific areas obtained by dividing a photographic field is higher than a first predetermined value, wherein:

said chromaticity detection device detects the chromaticity of the subject in each of said specific areas;

said light source estimating device estimates a light source type among said plurality of types of light sources for each area determined to manifest a higher brightness level by said first brightness level decision-making device by using the chromaticity detected in the area and estimates one type of light source as the light source for the subject based upon numbers of different light source types estimated in individual areas; and

said gain calculating device calculates an average of levels of the chromaticity used by said light source estimating device when estimating one type of light source as the light source for the subject and calculates the gain by using color temperature information corresponding to the calculated average.

9. (Withdrawn) An image-capturing device according to claim 3, further comprising:

a second brightness level decision-making device that makes a decision as to whether or not a brightness level in each of specific areas obtained by dividing a photographic field is higher than a second predetermined value, wherein:

said light source estimating device estimates a light source type among said plurality of types of light sources for each area determined to manifest a higher brightness level by said second brightness level decision-making device by using the chromaticity

detected in the area and estimates one type of sunlight as the light source for the subject based upon numbers of different light source types estimated in individual areas; and

 said gain calculating device calculates an average of levels of the chromaticity used by said light source estimating device when estimating one type of sunlight as the light source for the subject and calculates the gain by using color temperature information corresponding to the calculated average.

10. (Withdrawn) An image-capturing device according to claim 9, wherein:

 said gain calculating device calculates the gain by using predetermined specific color temperature information if said light source estimating device determines that sunlight at any color temperature is not the light source for the subject.

11. (Original) An image-capturing device according to claim 3, wherein:

 said gain calculating device includes an LUT that outputs the gain by using the light source illuminating the subject and said color temperature information as arguments.

12. (Withdrawn) An image-capturing device according to claim 6, wherein:

 said light source estimating device selects chromaticity information to be used from said plurality of sets of chromaticity information in correspondence to the brightness level of the subject.

13. (Original) An image-capturing device according to claim 7, wherein:

 said chromaticity detection device further detects whether or not the subject manifests a green color; and

 said light source estimating device does not select fluorescent light as the light source if said means for chromaticity detection detects that the subject manifests a green color.

14. (Original) An electronic camera comprising:

an image-capturing element that captures a subject image passing through a photographic lens and outputs an image-capturing signal;

a chromaticity detection device that detects a chromaticity of the subject;

a light source estimating device that estimates a type of light source illuminating the subject based upon the chromaticity detected by said chromaticity detection device;

a gain calculating device that calculates a gain by using color temperature information corresponding to the light source type estimated by said light source estimating device; and

a gain adjustment device that performs a gain adjustment by multiplying said image-capturing signal output by said image-capturing element by the gain calculated by said gain calculating device.

15-16. (Canceled)